

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A device comprising first ~~(10, 24, 28, 35)~~ and second ~~(11, 25, 27, 33)~~ layers wherein:
the first layer is flexible; and
the second layer has a corrugated structure and is in contact with the first layer along a substantial portion of the length of the second layer so as to prevent fracture of the second layer when the first layer is deformed, wherein the second layer comprises a conductive electrode.
2. (Currently Amended) A The device according to claim 1, wherein the first layer ~~(10, 24)~~ is a substrate.
3. (Currently Amended) A The device according to claim 1,

further comprising a third layer (26, 34) in contact with the first layer (28, 35), wherein the third layer (26, 34) comprises a substrate and the first layer (28, 35) comprises one or more coatings on the substrate.

4. (Currently Amended) A device according to claim 3,
comprising:

a first layer, wherein the first layer is flexible;
a second layer having a corrugated structure and being in
contact with the first layer along a substantial portion of a
length of the second layer so as to prevent fracture of the second
layer when the first layer is deformed; and
a third layer in contact with the first layer, wherein the
third layer comprises a substrate and the first layer comprises one
or more coatings on the substrate, and wherein the third layer (26,
34) comprises a corrugated topography.

5. (Currently Amended) A The device according to claim 3,
wherein the first layer (28, 35) comprises an acrylate lacquer.

6. (Currently Amended) Athe device according to claim 1,
wherein the second layer ~~(11, 25, 27, 33)~~ is a coating on the first
layer ~~(10, 24, 28, 35)~~.

7. (Currently Amended) AThe device according to claim 1,
wherein the first layer ~~(10, 24, 28, 35)~~ comprises a corrugated
topography.

8. (Currently Amended) AThe device according to claim 1,
wherein the second layer ~~(11, 25, 27, 33)~~ comprises a series of
adjoining troughs and ridges, each trough and each ridge including
substantially flat portions.~~(16, 17, 29, 30)~~

9. (Currently Amended) AThe device according to claim 8,
wherein the widths ~~(19, 20, 31, 32)~~ of the substantially flat
portions ~~(16, 17, 29, 30)~~ are selected to prevent fracture when the
first layer ~~(10, 24, 28, 35)~~ is deformed to a predetermined radius
of curvature.

10. (Currently Amended) AThe device according to claim 9,

wherein the widths (19, 20, 31, 32) are selected to be less than a predetermined length, the predetermined length being dependent on the average length between cracks (23) for a continuous layer deformed to the predetermined radius of curvature.

11. (Currently Amended) A device according to claim 8, wherein the transitions (18) between the troughs and ridges are curved.

12. (Currently Amended) A device according to claim 8, comprising:

a first layer, wherein the first layer is flexible; and
a second layer having a corrugated structure and being in
contact with the first layer along a substantial portion of a
length of the second layer so as to prevent fracture of the second
layer when the first layer is deformed;

wherein the second layer comprises a series of adjoining
troughs and ridges, each trough and each ridge including
substantially flat portions, and wherein the substantially flat
portions (16, 17, 29, 30) are interconnected to provide a

continuous path for an electric current.

13. (Currently Amended) A-The device according to claim 1,
wherein the corrugated structure comprises an undulating
topography.

14. (Currently Amended) A-The device according to claim 2,
wherein the substrate comprises polyvinyl chloride.

15. (Currently Amended) A-The device according to claim 1,
wherein the second layer (11, 25, 27, 33) comprises a transparent
conductor.

16. (Currently Amended) A-The device according to claim 15,
wherein the second layer (11, 25, 27, 33) comprises a conductive
oxide.

17. (Currently Amended) A-The device according to claim 1,
comprising a display.

18. (Currently Amended) A method of fabricating a device comprising first (10, 24, 28, 35) and second (11, 25, 27, 33) layers wherein the first layer is flexible and the second layer has includes conductive electrode having a corrugated structure and is in contact with the first layer along a substantial portion of the length of the second layer so as to prevent fracture of the second layer when the first layer is deformed, the second layer comprising a plurality of interconnected portions (16, 17, 29, 30) each having a portion length (19, 20, 31, 32), the method including selecting the portion length to prevent the fracture when the first layer is deformed to a predetermined radius of curvature.

19. (Currently Amended) A The method according to claim 18, further comprising determining a spacing between cracks (23) for a continuous layer of material when deformed to a predetermined radius of curvature, and selecting the portion length to be a value that is dependent on the determined spacing.

20. (Currently Amended) A The method according to claim 19, comprising determining an average spacing between the cracks (23).